

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,904,010 B1  
APPLICATION NO. : 09/512500  
DATED : June 7, 2005  
INVENTOR(S) : Kuroba et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

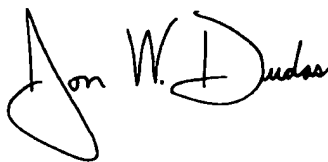
In the Drawings:

Figs. 3A, 7B, 11A and 11B, delete "SPINDLE SPEED" and insert  
--DISK ROTATION CYCLE--.

As shown in the attached sheets

Signed and Sealed this

Sixth Day of May, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

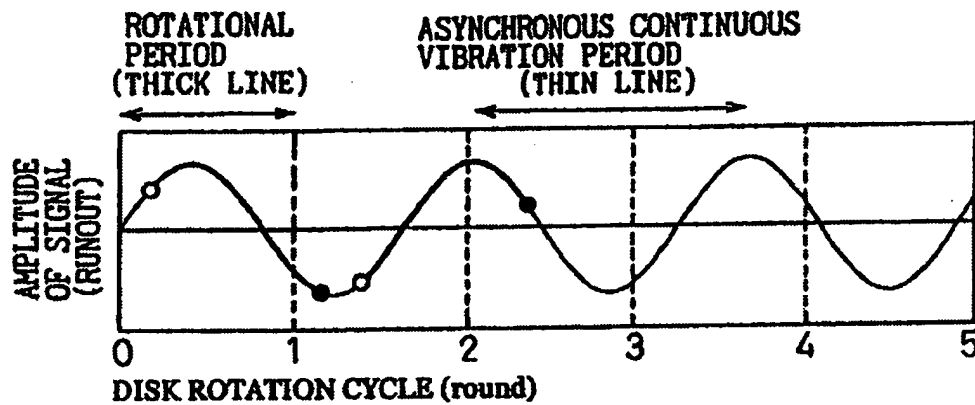
U.S. Patent

Jun. 7, 2005

Sheet 3 of 13

6,904,010 B1

PRIOR ART  
Fig.3A



○ START OF WRITING    ● END OF WRITING

PRIOR ART  
Fig.3B

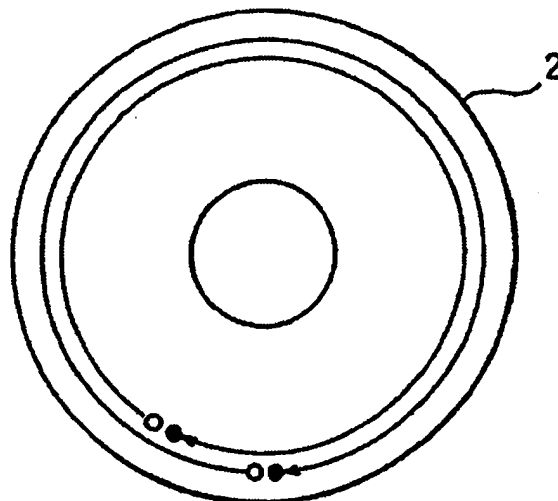


Fig. 7A

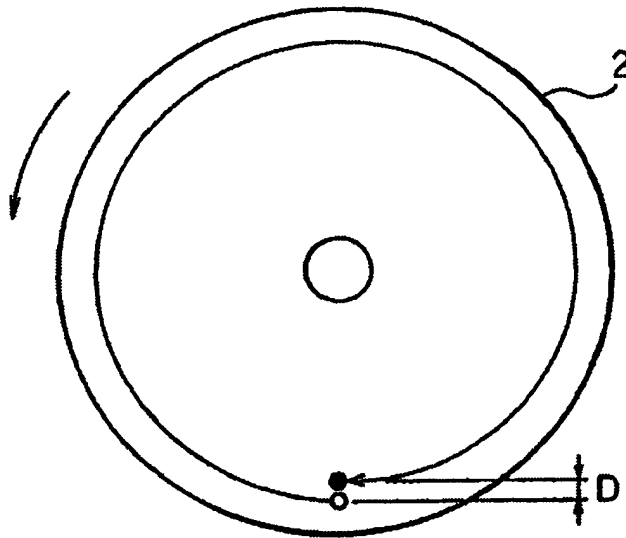
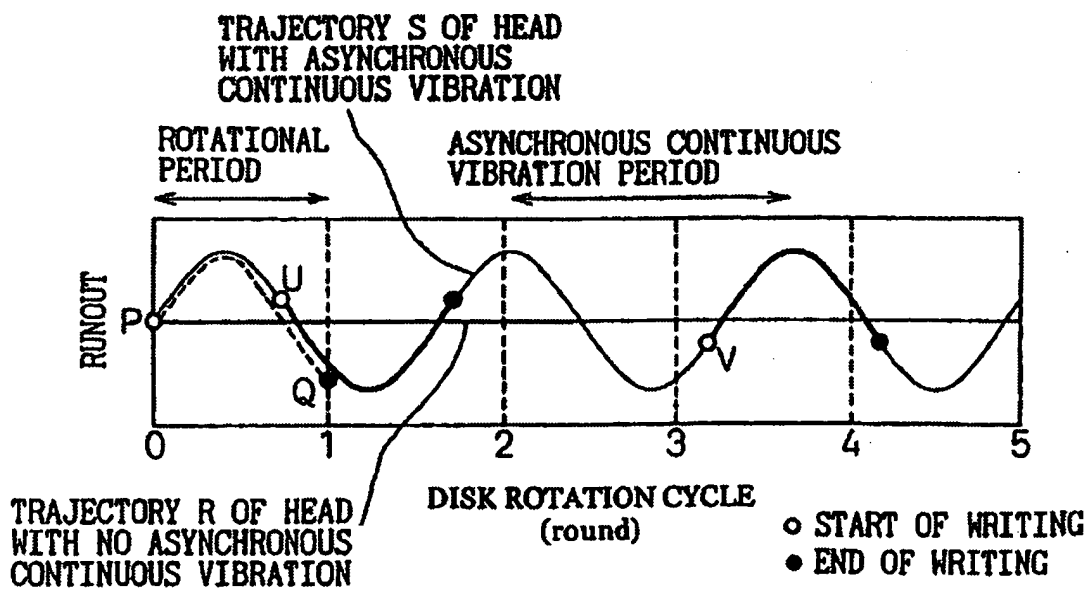


Fig. 7B



U.S. Patent

Jun. 7, 2005

Sheet 11 of 13

6,904,010 B1

Fig.11A

ALLOWABLE PHASE ANGLE  $\pm 2^\circ$

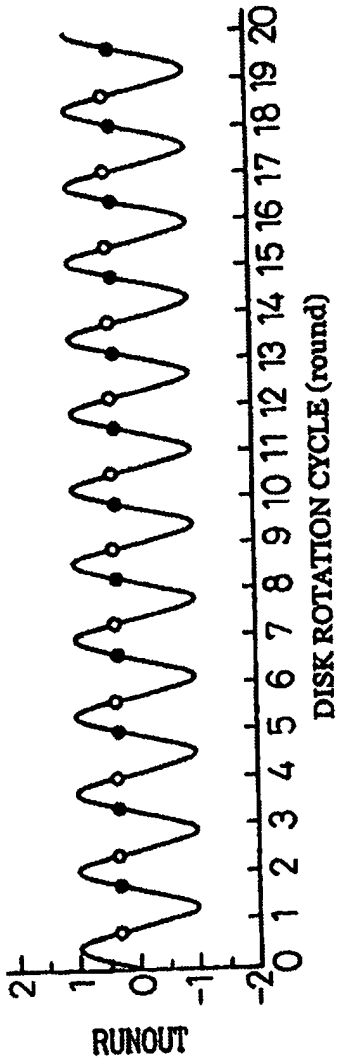


Fig.11B

PRIOR ART

ALLOWABLE PHASE ANGLE  $\pm 90^\circ$

